Laſtly, It might have happened that this little *Leach* came out of the Body of ſome ſmall Fiſh into that of the *Bonite*, which had ſwallowed it. I made this Obſervation the 28th of *July*, 1724, in a Voyage from *Batavia* to *Bengal*.

Explanation of the Figure Tab. I. *Fig.* 2.

A, The Body, in its natural Bigneſs.
B, The Belly, through which appear ſome black Lines, which are its Entrails.
C, The Protuberance, with which it faſtens itſelf.
D, The Places where it places the Pump and Protuberance, when it moves along.
E, The Head, under which is the Pump.
The pricked Circles are to mark the Extent of the Motions of its Head and Belly.

III. Typus Eclipſeos Solaris obſervatæ Julii 15, S.N. 4, S.V. Anno 1730. Witebergæ Saxonum, à Joh. Frider. Weidler, J.U.D. Mathem. Prof. Ordin. Reg. Soc. Scientiar. Pruſſ. Sodali.

Tempus Veram.			*Phaſes Ecliptic.*
H.	′	″	*Digit. Min.*
3	56	0	Sol oritur poſt Nubes.
	59	0	5 & paulo plus Sol latet poſt Nubes.

4 10

H.	′	″	Dig.	Min.
4	10	30	6	55
	26	0	6	30
	33	0	6	0
	38	0	5	30
	43	30	5	0
	47	0	4	30
	50	15	4	0
	53	30	3	30
	57	0	3	0
5	3	30	2	0
	7	0	1	30
	10	30	1	0
	13	0	0	30
	15	30	Finis.	

ANNOTAT.

I. Sol oriens figuram orbis monſtrat ellipticam: diameter verticalis duobus digitis ſive ſexta ſui parte contractior apparet horizontali. *Vid. Tab. I. Fig. 3.*

II. Memorabilis erat conſpectus orbis Lunæ aſpero margine præditi, quoad partem quæ in occaſum ſpectabat. Diſtincte enim cernabatur H. 4. M. 3. Vallis $\frac{1}{100}$ diam. Lunæ profunda & $\frac{1}{12}$ ejuſdem diam. circiter longa. In progreſſu eclipſeos aſperitas limbi Lunæ minuebatur, & adhærente eidem faſcia cœrulea abſcondebatur. Hæc enim faſcia ſenſim ſole altius ſurgente dilatabatur. Tum præter colorem cœruleum etiam puniceus Lunæ proprius incumbens in oculos incurrebat, & circa finem deliquii faſciæ coloratæ ſpiſſitudo trigeſimæ

trigeſimæ ſextæ parti diametri Lunaris prope par videbatur.

III. Præterea juxta Lunaris diſci marginem coloratum perpetua Luminis ſolaris commotio notata eſt.

IV. Obſervatio ejuſdem Defectûs Solis habita Patavii, ab J. Poleno.

ORIENTE Sole, Nubes tenues Finitorem quaſi cingebant: quibus deinde evaneſcentibus, aer tantillum nebuloſus fuit, ut maculæ ſolares haud ſatis diſtincte apparerent.

July 14. 1730. *S. N.*

Digiti Obſcur.	*Temp. Ver.* H.	′	″
4	16	46	12
3½	16	48	7
3	16	50	36
2	16	57	24
1	17	1	20
½	17	3	29
Finis totius Obſcur.	17	6	8

V. *An*

Tab. I.

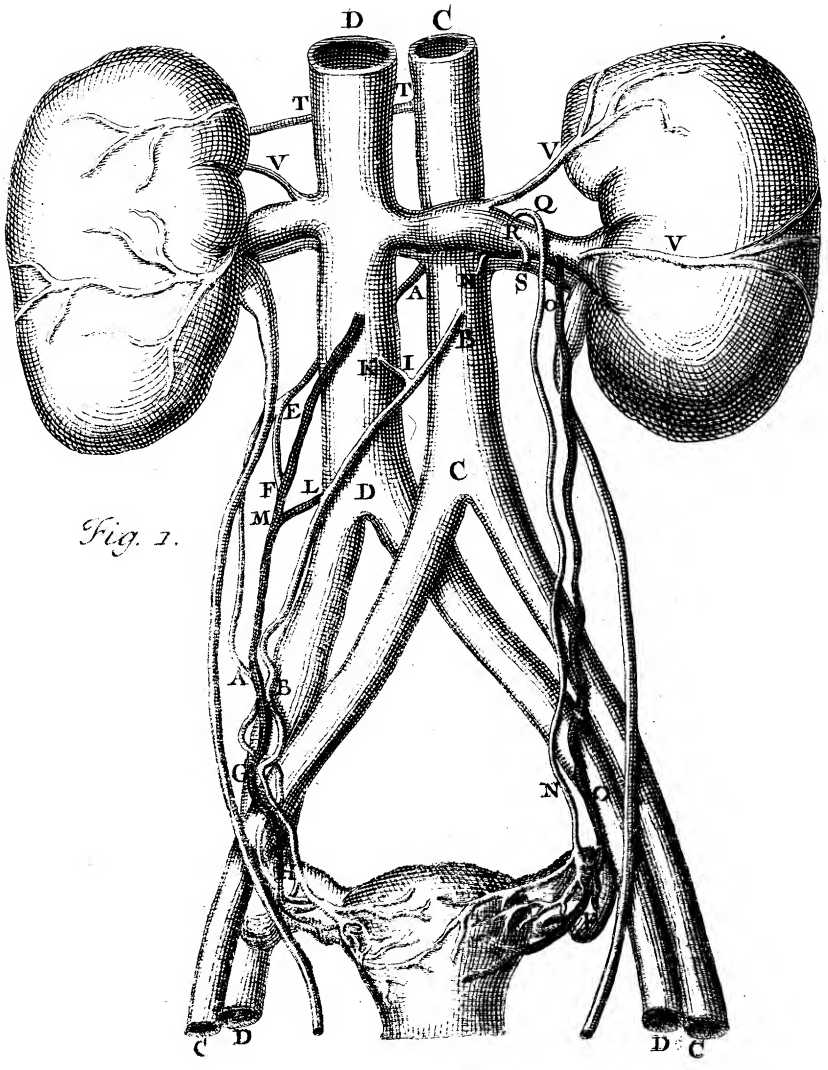
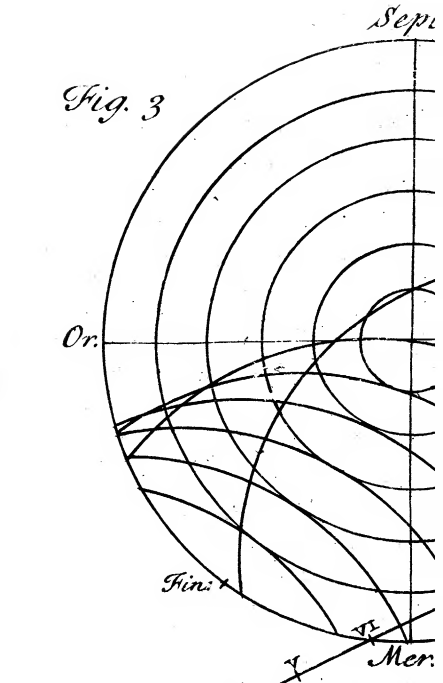


Fig. 1.

C. M. delin.

Fig. 3



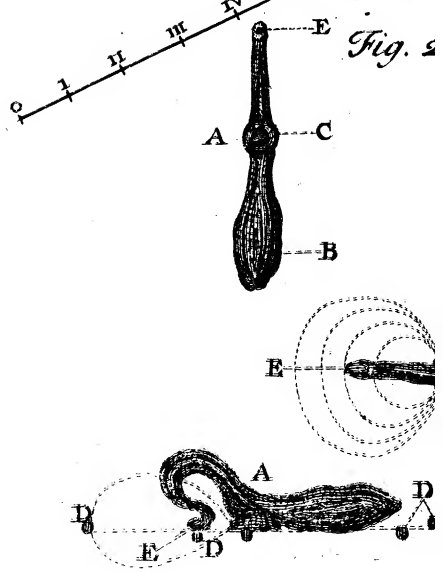


Fig. 2

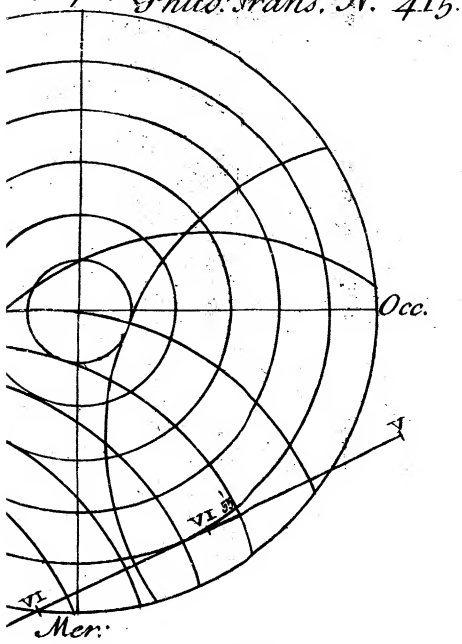
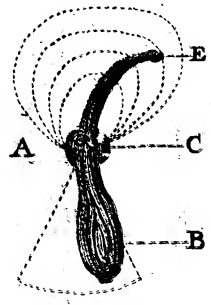
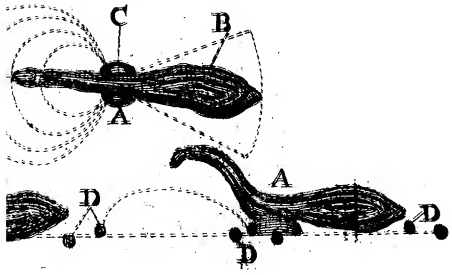


Fig. 2





Tab I

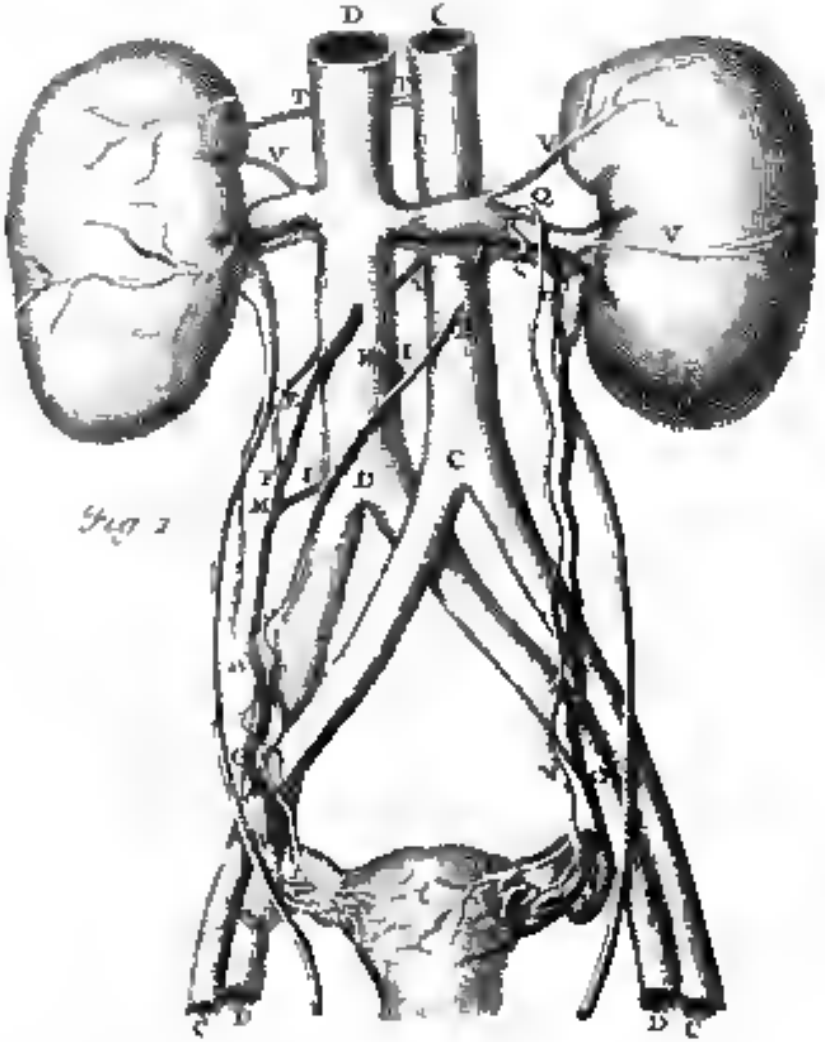


Fig 3

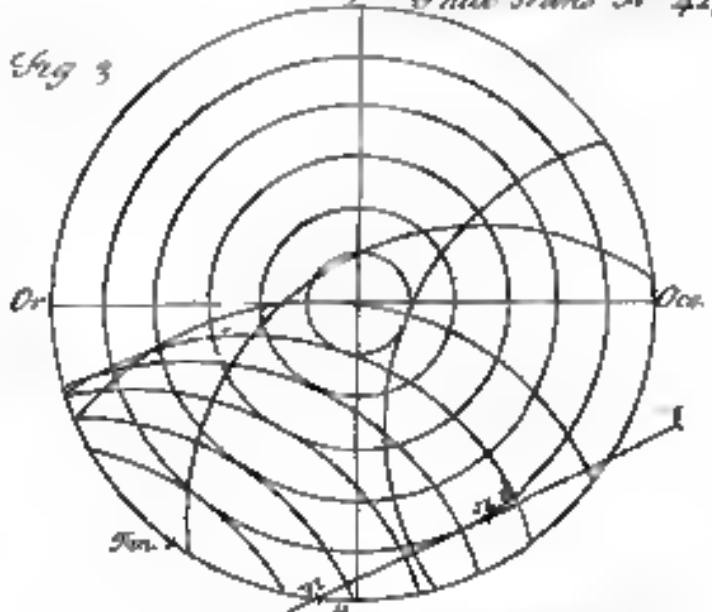
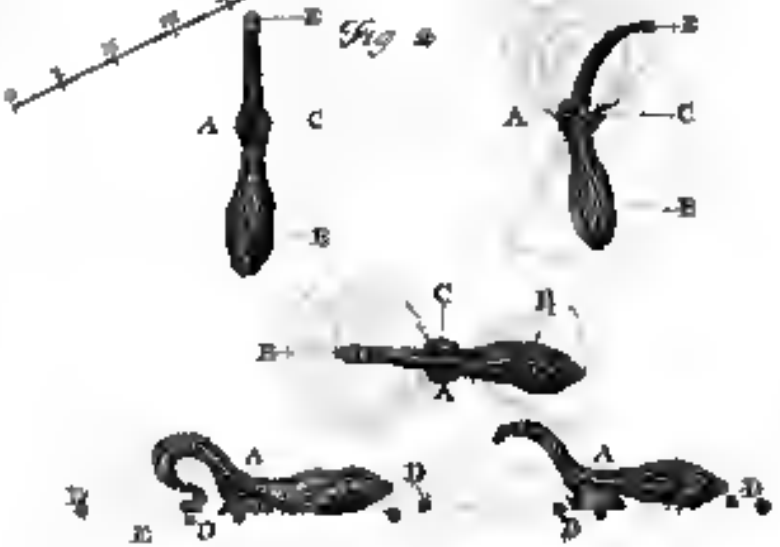



Fig 4